

10/762,389

[002]        This application claims priority from German Application Serial    ♦♦  
              No. 103 02 502.2 filed January 3, 2003.     ♦♦

[003]        FIELD OF THE INVENTION     ♦♦

[004]        The invention relates to a gear selector device for a motor vehicle  
              ~~according to the preamble of claim 1.~~     ♦♦

[005]        BACKGROUND OF THE INVENTION     ♦♦

[010]        Therefore, the problem on which the invention is based is to reduce in  
              such a gear selector device having several gear wheels and sliding sleeves  
              associated with a transmission shaft, the construction cost needed for actuation  
              of the individual sliding sleeves, the total weight and the susceptibility to  
              interferences. ~~Said problem is solved by the invention outlined in claim 1.~~    ♦♦  
              ~~Advantageous embodiments and developments of the invention are outlined in~~    ♦♦  
              ~~the sub-claims.~~     ♦♦

[011]        SUMMARY OF THE INVENTION     ♦♦

[021]        BRIEF DESCRIPTION OF THE DRAWINGS     ♦♦

[022]        The invention is ~~explained here below~~ will now be described, by way of    ♦♦  
              example, with reference to the drawing accompanying drawings in which shows:    ♦♦

[026]        DETAILED DESCRIPTION OF THE INVENTION     ♦♦

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Reference numerals

1 transmission shaft	25 radial bearing	
2 gear wheel	26 oil supply hole	
3 gear wheel	27 direction	
4 sliding sleeve	28 direction	
5 sliding toothing	29 direction	
6 oil supply hole	30 direction	
7 pressure medium pipe	31 star-shaped distributor	
8 clearance	32 ribs	
9 connecting hole	33 chambers	
10 oil supply hole	34 friction cone	
11 bore	35 supply hole	
12 inner toothing	36 synchronizer toothing, <u>gear rings</u>	❖
13 inner toothing	37 synchronizer toothing, <u>gear rings</u>	❖
14 radial bearing	38 oil space	
15 radial bearing	39 oil space	
16 seal	40 toothing	
17 flange	41 friction cone	
18 gear wheel	42 spline	
19 gear wheel	43 spline	
20 sliding sleeve	44 direction	
21 inner toothing	45 shifting device	
22 inner toothing	46 shifting device	
23 sliding toothing	47 synchronizer toothing, <u>gear rings</u>	❖
24 radial bearing	48 synchronizer toothing, <u>gear rings</u>	❖